

What is claimed is:

1. A terminal device with built-in image sensor comprising
 - a display unit for displaying information including at least one of character and picture,
 - a transparent panel disposed at the front panel of said display unit, and
 - an image sensor disposed movably between said display unit and said transparent panel, for scanning the surface of said transparent panel,
 wherein said image sensor comprises a lens member, a prism member for bending an optical path of a light coming from a direction of the transparent panel so that one focal position of the lens member may be adjusted to the surface of said transparent panel, and that the light coming from the direction of the transparent panel may enter said lens member, a light sensor disposed at other focal position of said lens member, said prism member made of a transparent material for lengthening the optical path to the image sensor, a light source for irradiating said transparent panel surface with light, and wherein said prism member, lens member and light sensor are arranged so that an optical path from said prism member to said light sensor is substantially parallel to said transparent panel surface.
2. A terminal device with built-in image sensor of claim 1, wherein
 - said prism member is a transparent material of which refractive index is 1.5 or more.
3. A terminal device with built-in image sensor of claim 2, wherein
 - the transparent material has a reflection preventive film formed on its surface.
4. A terminal device with built-in image sensor of claim 1, wherein
 - roller means for moving a document is rotatably provided at one side vertical to the moving direction of the image sensor on the transparent panel surface, said image sensor has a reading width in a specific length to the direction of the vertical side, and can stop at a position corresponding to the position of the roller means, and can read the moving document, being held between the transparent panel and roller means, at its stopping state position.
5. A terminal device with built-in image sensor of claim 4, wherein
 - move detecting means is provided for detecting move of the document inserted between the transparent panel and roller means, and reading of the document is started when move of the document is detected.
6. The terminal device of claim 1 wherein said optical path from said prism member to said light sensor is fixed with respect to said transparent panel.
7. A terminal device with built-in image sensor comprising
 - a main body incorporating a display unit for displaying information including at least one of character and picture,
 - a transparent panel disposed at the front panel of said display unit,
 - an image sensor disposed movably between said display unit and transparent panel for scanning the surface of said transparent panel,
 - a lid unit substantially having at least the same size as the size of the display unit or substantially having at least

- the same size as the size of the reading area of the image sensor, and having tablet means disposed on said lid unit for writing with a writing tool including at least one of pencil and marker pen on a surface of the tablet means,
- wherein said lid unit is provided so as to be free to open or close to said main body unit, the surface of the tablet means is in contact with the transparent panel in a closed state, and said lid unit is mounted so that the surface of the tablet means coincides with the reading area of the image sensor.
8. A terminal device with built-in image sensor of claim 7, wherein
 - said lid unit possesses a subsidiary lid member having its one end linked to the lower end of said main body unit, and covering a specific side surface of the main body unit in closed state, and a principal lid member linked to the other end of the subsidiary lid member, and covering the transparent panel surface in closed state, and by putting the main body unit on a plane, in the open state of the lid unit, when the outer side of the principal lid member abuts against the plane, the lid unit is held stably on the plane.
9. A terminal device with built-in image sensor of claim 8, wherein
 - the vicinity of both ends of the subsidiary lid member and the portion of the main body unit corresponding to said vicinity of both ends are provided with fixing members for securely fixing the main body unit and subsidiary lid member in the closed state of the lid unit.
10. A terminal device with built-in image sensor of claim 8, wherein
 - other subsidiary member for covering other side surface than said specific side surface of the main body unit is linked to the opposite end to the subsidiary lid member of the principal lid member.
11. A terminal device with built-in image sensor of claim 8, wherein
 - the operation unit of the terminal device main body is provided in said specific side surface of the main body unit.
12. A terminal device with built-in image sensor of claim 7, wherein
 - said lid unit possesses a principal lid member having one end linked to said main body unit, and covering the transparent panel surface in the closed state, and a subsidiary lid member linked to the other end of the principal lid member, and covering a specific side surface of the main body unit, and by putting the main body unit on a plane, in the open state of the lid unit, when the leading end of the subsidiary lid member abuts against the plane, the opening angle of the principal lid member to the transparent panel surface is defined.
13. A terminal device with built-in image sensor of claim 12, wherein
 - the operation unit of the terminal device main body is provided in said specific side surface of the main body unit.
14. A terminal device with built-in image sensor of claim 7, wherein
 - the tablet means is attached to the lid unit through an elastic member so that the tablet means and the transparent panel may contact with each other on the whole surface when the lid unit is closed.
15. A terminal device with built-in image sensor of claim 7, wherein